

PHILIPS

LED spots

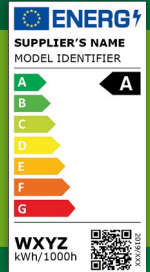


Real pros help their customers realize ultra energy savings

Philips MASTER LEDspot Ultra Efficient GU10: our most energy-efficient LED spot yet



Our first ultra-efficient A-class¹ LEDspot



Are your customers worried about their energy costs?

With energy costs going through the roof, many companies are more aware of their energy consumption than ever. Lighting on average represents up to 25% of electricity consumption in buildings, so there is much to gain.² Did you know there is great potential to save energy, even if you already have LED lights? With the new ultra-efficient Philips A-class LED spot you have the perfect retrofit lamp to help your customers save energy and money with high-quality, long-lasting and ultra energy-efficient LED.



Saves up to 50% in energy costs³



Very long lifetime of 50,000 hours — more than 3 x longer³



Less than three months payback time⁴



5-year warranty



Enable up to € 504 total savings per year!³

Sustainability meets profitability

With Philips MASTER LEDspot Ultra Efficient you can offer your customers an innovative and value-adding product to minimize their energy consumption. And although ultra-efficient LED spots require less maintenance and replacement, the higher investment of your customer will give you a higher profit per light point!

¹ According to the updated European Energy Labelling Regulation (09/2021)

² According to Signify modeling and market intelligence data

³ Upgrading from standard LED spot (Philips LEDspot GU10 50W); Calculation for 100 lamps, burning 4,800 hours/year.

⁴ Compared with conventional halogen spots

a lighting brand by Signify

Technical leader of the pack

The Philips MASTER LEDspot Ultra Efficient GU10 is a true breakthrough on the way to more sustainable lighting:

LED design

- Special LED design with compact size fit for small size spot lights
- High efficiency phosphor
- Best LED system integration design to enable highest driver and optical efficiency



Optics

- Special lens design to optimize light output efficiency

Driver

- Revolutionary driver design boosts energy efficiency, dramatically reducing power consumption

Thermal

- Excellent thermal management system for very long lifetime of up to 50,000 hours

Cost and CO₂ savings right from the start

When upgrading from halogen spots, your customers can expect a full return on investment in only 2.5 months. A typical small shop will save € 9,243 by replacing 100 halogen spots (50W) with ultra-efficient GU10 LED spots.¹

	Standard LED spot ²	MASTER LEDspot UE	Halogen spot	MASTER LEDspot UE
Lifetime	15,000 hrs >	50,000 hrs	2,000 hrs >	50,000 hrs
Lamp wattage	4.6W >	2.1W	50W >	2.1W
Total savings/year		€ 504		€ 9,243
Payback period		2.5 years		0.2 years

Number of lamps	100	Energy costs	0.34 €/kWh	Lamp cost/year	€ 1.63	Total costs/year/lamp	€ 5.54
Burning hours per year	4,800 hrs ³	Replacement cost/year/lamp	€ 0.48	Energy costs/year/lamp	€ 3.43		

Compared to a halogen GU10, a new Philips MASTER LEDspot Ultra Efficient GU10 can reduce CO₂ emission by up to 999 kg over its lifetime⁴ – equivalent to the emission absorbed by more than 45 trees.⁵

Compared to a standard LED spot, a new Philips MASTER LEDspot Ultra Efficient GU10 can reduce CO₂ emission by up to 42.6 kg over its lifetime⁴ – equivalent to the emission absorbed by more than 2 trees.⁵

¹ Calculation is based on detailed information given in the table above.

² Standard LED spot refers to Philips LEDspot GU10 50W.

³ Energy use based on 16 burning hours per day, 300 days per year.

⁴ Calculation based on CO₂ gas emission of 0,42 kg/kWh.

⁵ Based on multiple scientific literature, an average fully grown tree can absorb 22 kg CO₂ per year.

Order information

Product type	Cap	Power	Lumen output	Replaced wattage	MBCP	Color temp.	Beam angle	Lifetime	EEL	EOC code
		W	lm	W	cd	Kv		hrs		8719514
New MAS LEDspot UE 2.1-50W GU10 ND 827 EELA	GU10	2.1	375	50	680	2700	36	50,000	A	3634602
New MAS LEDspot UE 2.1-50W GU10 ND 830 EELA						3000				3610002
New MAS LEDspot UE 2.1-50W GU10 ND 840 EELA						4000				3610102
MAS LED spot UE 2.4-50W GU10 ND 830 EELB						900				42174500
MAS LED spot UE 2.4-50W GU10 ND 840 EELB						950				42178300

